

Form PTO-1449

Docket Number (Optional)

MIV-071.10

Applicant Number

6,869

## INFORMATION DISCLOSURE CITATION

## IN AN APPLICATION

(Use several sheets if necessary)

Applicant

Beach, D. et al.

Filing Date

January 30, 1998

Group Art Unit

1909

11044

## U.S. PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	5,441,880	08/95	Beach, D. and Galaktionov, K.	435-193	
AB	4,879,213	11/95	Fox, R. and Houghton, R.	435-5	

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
					YES	NO
AC	WO 91/16429	10/91	PCT			
AD	WO 92/06180	04/92	PCT			
AE	WO 92/19749	11/92	PCT			
AF	WO 92/20316	11/92	PCT			
AG	WO 92/22635	12/92	PCT			
AH	WO 93/04701	03/93	PCT			
AI	WO 93/15227	08/93	PCT			
AJ	WO 94/09135	04/94	PCT			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AL	Azzi, L. et al., "Purification of a 15-kDa cdk4- and cdk5-binding Protein", <i>J. Biol. Chem.</i> 269(18):13279-13288. (1994).
AM	Barnard, J.A. et al., "The Cell Biology of Transforming Growth Factor $\beta$ ", <i>Biochemica et Biophysica Acta</i> 1032:79-87 (1990).
AN	Bartel, P., "Elimination of False Positives That Arise in Using the Two Hybrid System," <i>Biotechniques</i> , 14: 920-24 (1993).
AO	Bates, S. et al., "Absence of Cyclin D/cdk Complexes in Cells Lacking Functional Retinoblastoma Protein", <i>Oncogene</i> 9:1633-1640 (1994).
AP	Bates, S. et al., "CDK6 (PLSTIRE) and CDK4 (PSK-J3) are a Distinct Subset of the Cyclin-dependent Kinases that Associate with Cyclin D1", <i>Oncogene</i> 9:71-79 (1993).
AQ	Bonetta, L., "Open Questions on p16", <i>Nature</i> 370:180 (1994).
AR	Booher, R.N. et al., "The Fission Yeast cdc2/cdc13/suc1 Protein Kinase: Regulation of Catalytic Activity and Nuclear Localization", <i>Cell</i> 58:485-497 (1989).
AS	Boukamp, P. et al., "Normal Keratinization in a Spontaneously Immortalized Aneuploid Human Keratinocyte Cell Line", <i>J. Cell Biol.</i> 106:761-771 (1988).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449		Docket Number (Optional) MIV-071.10	Application Number 09/016,869
<b>INFORMATION DISCLOSURE CITATION</b> <b>IN AN APPLICATION</b> APR 27 1998 (Use several sheets if necessary)		Applicant Beach, D. et al. Filing Date January 30, 1998	
		Group Art Unit <del>1809</del> 1044	
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)			
Bradley, A. et al., "Modifying the Mouse: Design and Desire", <i>Biotechnology</i> , 10: 534-539. (May 1992)			
AU 0	Brugarolas, J. et al (1995) "Radiation-induced Cell Cycle Arrest Compromised by p21 Deficiency", <i>Nature</i> 377:552-556.		
AV 1	Burgess, W. et al., "Possible Dissociation of Heparin-binding and Mitogenic Activities of Heparin-binding (Acidic Fibroblast) Growth Factor-1 from Its Receptor-binding Activities by Site-directed Mutagenesis of a Single Lysine Residue", <i>J. Cell Biol.</i> 111:2129-2138 (Nov 1990).		
AW 1	Cairns, P. et al. "Rates of p16 (MTS1) Mutations in Primary Tumors with 9p Loss", <i>Science</i> 265:415-416 (1994).		
AX 1	Caldas, C. et al., "Frequent Somatic Mutations and Homozygous Deletions of the p16 (MTS1) Gene in Pancreatic Adenocarcinoma", <i>Nature Genetics</i> 8(1):27-32 (1994).		
AY 0	Cannon-Albright, L.A., "Assignment of a Locus for Familial Melanoma, MLM, to Chromosome 9p13-p22", <i>Science</i> 258:1148-1152 (1992).		
AZ 0	Cavenee, W.K. et al., "Expression of Recessive Alleles by Chromosomal Mechanisms in Retinoblastoma", <i>Nature</i> 305:779-784 (1983).		
BA 1	Cavenee, W.K. et al., "Prediction of Familial Predisposition to Retinoblastoma", <i>New England J. Med.</i> 314(19):1201-1207 (1986).		
BB 1	Chan, F.K.M. et al., "Identification of Human and Mouse P19, a Novel CDK4 and CDK6 Inhibitor with Homology to P16 <sup>ink4</sup> ", <i>Mol. Cell Biol.</i> 15:2682-2688 (May 1995).		
BC 1	Cheng, J.Q. et al., "Homozygous Deletions within 9p21-p22 Identify a Small Critical Region of Chromosomal Loss in Human Malignant Mesotheliomas", <i>Cancer Research</i> 53: 4761-4763 (1993).		
BD 0	Cheng, J.Q. et al., "p16 Alterations and Deletion Mapping of 9p21-p22 in Malignant Mesothelioma", <i>Cancer Research</i> 54:5547-5551 (1994).		
BE 1	Coleman, A. et al., "Distinct Deletions of Chromosome 9p Associated with Melanoma versus Glioma, Lung Cancer, and Leukemia", <i>Cancer Research</i> 54:344-348 (1994).		
BF 0	De Bondt, H.L., "Crystal Structure of Cyclin-dependent Kinase 2", <i>Nature</i> 363:595-602 (1993).		
BG 1	Endicott, J.A. and Johnson, L., "Mutational Analysis Supports a Structural Model for the Cell Cycle Protein Kinase p34", <i>Protein Engineering</i> 7(2):243-253 (1994).		
BH 1	Ewen, M.E. et al., "Functional Interactions of the Retinoblastoma Protein with Mammalian D-type Cyclins", <i>Cell</i> 73:487-497 (1993).		
BI 1	Ewen, M et al. "TGF $\beta$ Inhibition of Cdk4 Synthesis is Linked to Cell Cycle Arrest", <i>Cell</i> 74:1009-1020(1993)		
BJ 0	Fang, F. and J. Newport, "Distinct Roles of cdk2 and cdc2 in RP-A phosphorylation During the Cell Cycle", <i>J. Cell Sci.</i> 106:983-984 (1993).		
BK 0	Fields, S. and Song, O., "A Novel Genetic System to Detect Protein-protein Interactions", <i>Nature</i> 340 (6230):245-246 (1989).		
BL 0	Friend, S.H. et al., "Deletions of a DNA Sequence in Retinoblastomas and Mesenchymal Tumors: Organization of the Sequence and Its Encoded Protein" <i>Proc. Natl. Acad. Sci. USA</i> 84:9059-9063 (1987).		
BM 0	Galaktionov, K. et al., "CDC25 Phosphatases as Potential Human Oncogenes", <i>Science</i> 269:1575-1577 (1995).		
BN 1	Giordano, A. et al., "A 60 kd cdc2-Associated Polypeptide Complexes with the E1A Proteins in Adenovirus-Infected Cells", <i>Cell</i> 58:981-990 (1989).		
EXAMINER Mary B. Ingh		DATE CONSIDERED 9-26-99	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			

Form PTO-1446

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Beach, D. et al.Filing Date  
January 30, 1998

Group Art Unit

1809 1644

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages, Etc.)

BO	Grana, X. et al., "PITALRE, a nuclear CDC2-related protein kinase that phosphorylates the retinoblastoma protein in vitro", <i>Proc. Natl. Acad. Sci. USA</i> <u>99</u> :3834-3834 (1994).
BP	Green, M.R., "When the Products of Oncogenes and Anti-Oncogenes Meet", <i>Cell</i> <u>56</u> :1-3 (1989).
BQ	Guan, K. L. et al. "Growth Suppression by p18, A p16/INK4/MTS1- and p14/INK4B/MTS2-Related CDK6 Inhibitor, Correlates with Wild Type pRb Function", <i>Genes and Dev.</i> <u>8</u> :2939-952 (1994).
BR	Hannon, G.J. and D. Beach, "p15 <sup>ink4B</sup> is a Potential Effector of TGF- $\beta$ -induced Cell Cycle Arrest", <i>Nature</i> <u>371</u> :257-261 (1994).
BS	Hansen, M.F. and Cavenee, W., "Retinoblastoma and the Progression of Tumor Genetics", <i>Trends in Genetics</i> <u>4</u> (5):125-128 (1988)
BT	Harper, J. et al., "The p21 Cdk-Interacting Protein Cip1 Is a Potent Inhibitor of G1 Cyclin-Dependent Kinases", <i>Cell</i> <u>75</u> : 805-816 (1993)
BU	Hayashi, N. et al., "Somatic Mutations of the MTS (Multiple Tumor Suppressor) 1/CDK4I (Cyclin-dependent Kinase-4 Inhibitor) Gene in Human Primary Non-Small Cell Using Carcinomas", <i>Biochem. Biophys. Res. Comm.</i> <u>203</u> (3):1426-1430 (1994)
BV	He, J. et al., "CDK4 Amplification is an Alternative Mechanism to p16 Gene Homozygous Deletion in Glioma Cell Lines", <i>Cancer Research</i> <u>54</u> :5804-5807 (1994)
BW	Hengst, L. et al., "A Cell Cycle-regulated Inhibitor of Cyclin-dependent Kinases", <i>Proc. Natl. Acad. Sci. USA</i> <u>91</u> :5291--5295 (1994).
BX	Houdebine, "Production of Pharmaceutical Proteins from Transgenic Animals", <i>J. Biotech.</i> <u>34</u> :269-287 (1994).
BY	Hussussian, C.J. et al., "Germline p16 mutations in Familial Melanoma", <i>Nature Genetics</i> <u>8</u> (1):15-21 (1994)
BZ	Igaki, H. et al., "Highly Frequent Homozygous Deletion of the p16 Gene in Esophageal Cancer Cell Lines", <i>Biochem. Biophys. Res. Comm.</i> <u>203</u> (2):1090-1095 (1994)
CA	Inaba, T. et al., "Genomic Organization, Chromosomal Localization and Independent Expression of Human Cyclin D Genes", <i>Genomics</i> <u>13</u> :565-574 (1992)
CB	Iwabuchi et al, "Use of the Two-hybrid System to Identify the Domain of p53 Involved in Oligomerization", <i>Oncogene</i> <u>8</u> : 1693-1696 (1993).
CC	Kamb, A. et al., "Analysis of the p16 Gene (CDKN2) as a Candidate for the Chromosome 9p Melanoma Susceptibility Locus", <i>Nature Genetics</i> <u>8</u> (1):23-26 (1994)
CD	Kamb, A. et al., "A Cell Cycle Regulator Potentially Involved in Genesis of Many Tumor Types", <i>Science</i> <u>264</u> :436-440 (1994)
CE	Kappel, C. et al., "Regulating Gene Expression in Transgenic Animals", <i>Curr. Opin. Biotech.</i> <u>3</u> : 548-553 (1992)
CF	Kato, J-Y. et al., "Direct Binding of Cyclin D to the Retinoblastoma Gene product (pRb) and pRb Phosphorylation by the Cyclin D-dependent Kinase CDK4", <i>Genes &amp; Dev.</i> <u>7</u> :331-342 (1993).
CG	Knudson, Jr., A.G., "Mutation and Cancer: Statistical Study of Retinoblastoma", <i>Proc. Natl. Acad. Sci. USA</i> <u>68</u> (4):820-823 (1971)
CH	Koff, a. et al., "Negative Regulation of G1 in Mammalian Cells: Inhibition of Cyclin E-Dependent Kinase by TGF- $\beta$ ", <i>Science</i> <u>260</u> :536-538 (1993)

EXAMINER

DATE CONSIDERED

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Form PTO-1450		Docket Number (Optional)	Application Number
INFORMATION DISCLOSURE CITATION		MIV-071.10	09/016,869
AN APPLICATION		Applicant	
APR 27 1998 (Use several sheets if necessary)		Beach, D. et al.	
		Filing Date	Group Art Unit
		January 30, 1998	1800-1644
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	CL	Laiho, M. et al., "Growth Inhibition by TGF- $\beta$ Linked to Suppression of Retinoblastoma Protein Phosphorylation", <i>Cell</i> 62:175-185 (1990).	
	CJ	Lazar, E. et al., "Transforming Growth Factor $\alpha$ : Mutation of Aspartic Acid 47 and Leucine 48 Results in Different Biological Activities", <i>Mol. Cell. Biol.</i> 8(3): 1247-1252 (March 1988).	
	CK	Lew, D. J. et al., "Isolation of Three Novel Human Cyclins by Rescue of G1 Cyclin (Cln) Function in Yeast", <i>Cell</i> 66:1197-1206 (1991).	
	CL	Li, Y. et al., "Cell Cycle Expression and p53 Regulation of the Cyclin-dependent Kinase Inhibitor p21", <i>Oncogene</i> 9:2261-2268 (1994).	
	CM	Mansour, S. et al., "Disruption of Proto-oncogene int-2 in Mouse Embryo-derived Stem Cells: A General Strategy for Targeting Mutations to Non-selectable Genes", <i>Nature</i> , 336:349-352 (Nov. 1998).	
	CN	Marcote, M.J. et al., "A Three Dimensional Model of the Cdc2 Protein Kinase: Localization of Cyclin- and Suc1-Binding Regions and Phosphorylation Sites", <i>Mol. Cell. Biol.</i> 13(8):5122-5131 (1993).	
	CO	Marx, J., "A Challenge to P16 Gene as a Major Tumor Suppressor", <i>Science</i> , 264:1846 (1994).	
	CP	Marx, J., "Link to Hereditary Melanoma Brightens Mood for p16 Gene", <i>Science</i> 265: 1364-1365 (1994).	
	CQ	Marx, J., "New Tumor Suppressor May Revival p53", <i>Science</i> 264:344-345 (1994).	
	CR	Massague, J., "The Transforming Growth Factor- $\beta$ Family", <i>Annu. Rev. Cell Biol.</i> 6:597-641 (1990).	
	CS	Masui, T. et al., "Type $\beta$ Transforming Growth Factor is the Primary Differentiation-inducing Serum Factor for Normal Human Bronchial Epithelial Cells", <i>Proc. Natl. Acad. Sci. USA</i> 83:2438-2442 (1986).	
	CT	Matsushime, H. et al., "Colony-Stimulating Factor 1 Regulates Novel Cyclins during the G1 Phase of the Cell Cycle", <i>Cell</i> 65:701-713 (1991).	
	CU	Matsushime, H. et al., "Identification and Properties of an Atypical Catalytic Subunit (p34 <sup>PSK-J3</sup> /cdk4) for Mammalian D Type G1 Cyclins", <i>Cell</i> 71:323-334 (1992).	
	CV	McKinnon, R. D. et al., "A Role for TGF- $\beta$ in Oligodendrocyte Differentiation", <i>J. Cell Biol.</i> 121(6):1397-1407 (1993).	
	CW	Meyerson, M. and Harlow, E., "Identification of G1 Kinase Activity for cdk6, a Novel Cyclin D Partner", <i>Mol. Cell. Biol.</i> 14(3):2077-2086 (1994).	
	CX	Morgan, D.O. and De Bondt, H., "Protein Kinase Regulation: Insights from Crystal Structure Analysis", <i>Curr. Opin. Cell Biol.</i> 6:239-246 (1994).	
	CY	Mori, T. et al., "Frequent Somatic Mutation of the MTS1/CDK4I (Multiple Tumor Suppressor/Cyclin-dependent Kinase 4 Inhibitor) Gene in Esophageal Squamous Cell Carcinoma", <i>Cancer Research</i> 54:3396-3397 (1994).	
	CZ	Motokura, T. et al., "A Novel Cyclin Encoded by a bcl1-linked Candidate Oncogene", <i>Nature</i> 350:512-515 (1991).	
	DA	Mowat, M. et al., "Rearrangements of the Cellular p53 Gene in Erythroleukaemic Cells Transformed by Friend Virus", <i>Nature</i> 314:633-636 (1985).	
	DB	Nobori, T. et al., "Deletions of the Cyclin-dependent Kinase-4 Inhibitor Gene in Multiple Human Cancers", <i>Nature</i> 368: 753-756 (1994).	
EXAMINER		DATE CONSIDERED	
Mary B. Ziegler/Chak		9-26-99/11/26	
EXAMINER Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			

Form PTO 159		Docket Number (Optional)	Application Number
INFORMATION DISCLOSURE CITATION		MIV-071.10	09/016,869
AN APPLICATION		Applicant	
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		Filing Date	Group Art Unit
		January 30, 1998	1809 1644
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
		Ogawa, S. et al., "Homozygous Loss of the Cyclin-Dependent Kinase 4-Inhibitor (p16) Gene in Human Leukemias", <i>Blood</i> 84(8):2431-2435 (1994).	
	DD	Ohta, M. et al., "Rarity of Somatic and Germline Mutations of the Cyclin-dependent Kinase 4 Inhibitor Gene, CDK4I, in Melanoma", <i>Cancer Research</i> 54(20):5269-5272 (1994).	
	DE	Okamoto, A. et al., "Mutations and Altered Expression of P16 <sup>INK4</sup> in Human Cancer", <i>Proc. Natl. Acad. Sci. USA</i> 91(23):11045-11049 (1994).	
	DF	Okamoto, A. et al., "Mutations in the P16 <sup>INK4</sup> /MTS1/CDKN2, p15 <sup>INK4B</sup> /MTS2, and P18 Genes in Primary and Metastatic Lung Cancer", <i>Cancer Research</i> 55:1448-1451 (1995).	
	DG	Otterson, G.A. et al., "Absence of P16 <sup>INK4</sup> Protein is Restricted to the Subset of Lung Cancer Lines that Retains Wildtype RB", <i>Oncogene</i> 9(11):3375-3378 (1994).	
	DH	Paris, J. et al., "Study of the Higher Eukaryotic Gene Function CDK2 Using Fission Yeast", <i>J. of Cell Science</i> 107:615-623 (1994).	
	DI	Parker, C. et al., "Metastasis-Associated mts1 Gene Expression Correlates with Increased P53 Detection in the B16 Murine Melanoma", <i>DNA and Cell Biology</i> 13(4):343-351 (1994).	
	DJ	Pepose, J. and Leib, D., "Recent Breakthroughs in the Molecular Genetics of Ocular Diseases", <i>Investigative Ophthalmology &amp; Visual Science</i> 35(6):2662-2666 (1994).	
	DK	Pietenpol, J.A. et al., "TGF- $\beta$ 1 Inhibition of C-myc Transcription and Growth in Keratinocytes is Abrogated by Viral Transforming Proteins with pRB Binding Domains", <i>Cell</i> 61:777-785 (1990).	
	DL	Pines, J. and Hunger, T., "Human Cyclin A is Adenovirus E1A-associated Protein p60 and Behaves Differently from Cyclin B", <i>Nature</i> 346:760-763 (1990).	
	DM	Polyak, K. et al., "p27 <sup>KIP1</sup> , a Cyclin-Cdk Inhibitor, Links Transforming Growth Factor- $\beta$ and Contact Inhibition to Cell Cycle Arrest", <i>Genes &amp; Devel.</i> 8:9-22 (1994).	
	DN	Potashkin, J.A. and Beach, D., "Multiple Phosphorylated Forms of the Product of the Fission Yeast Cell Division Cycle Gene <i>cdc2</i> <sup>+</sup> ", <i>Current Genetics</i> 14:235-240 (1988).	
	DO	Quelle, D.E. et al. "Overexpression of Mouse D-type Cyclins Accelerates G <sub>1</sub> Phase in Rodent Fibroblasts", <i>Genes &amp; Devel.</i> 7:1559-1571 (1993).	
	DP	Reeck, G. et al., "'Homology' in Proteins and Nucleic Acids: A Terminology Muddle and a Way Out Of It", <i>Cell</i> 50:667 (Aug. 1987).	
	DQ	Rodeck, U. et al., "Transforming Growth Factor $\beta$ Production and Responsiveness in Normal Human Melanocytes and Melanoma Cells", <i>Cancer Research</i> 54:575-581 (1994).	
	DR	Sambrook, J. et al., <i>Molecular Cloning</i> , 2 <sup>nd</sup> Ed., CSH:11.47 (1989).	
	DS	Schneider, K.R. et al., "Phosphate-Regulated Inactivation of the Kinase PH080-PH085 by the CDK Inhibitor PH081", <i>Science</i> 266:122-126 (1994).	
	DT	Serrano, M. et al., "A New Regulatory Motif in Cell-cycle Control Causing Specific Inhibition of Cyclin D/CDK4", <i>Nature</i> 366:704-707 (1993).	
	DU	Serrano, M. et al., "Inhibition of Ras-Induced Proliferation and Cellular Transformation by P16 <sup>INK4</sup> ", <i>Science</i> 267:249-252 (1995).	
	DV	Sherr, C.J., "Mammalian G <sub>1</sub> Cyclins", <i>Cell</i> 73:1059-1065 (1993).	
EXAMINER		DATE CONSIDERED	
May B Zreg/Jul		9-26-99 11/2/01	
EXAMINER Initial if citation considered whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			

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AN APPLICATION		Filing Date January 30, 1998	Group Art Unit T809-1644
(Use several sheets if necessary)			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
		Sporn, M.B. and Roberts, A., "Transforming Growth Factor- $\beta$ : Recent Progress and New Challenges", <i>J. of Cell Biol.</i> 119(5):1017-1021 (1992).	
DX		Spruck III, C.H., "p16 Gene in Uncultured Tumours", <i>Nature</i> 370:183-184 (1994)	
DY		Stojek & Wagner, "The Use of Transgenic Animal Techniques for Livestock Improvement", <i>Genetic Engineering</i> , 10: 221-246 .	
DZ		Tam, S.W. et al., "Differential Expression and Cell Cycle Regulation of the Cyclin-dependent Kinase 4 Inhibitor P16 <sup>ink4a</sup> ", <i>Cancer Research</i> 54:5816-5820 (1994).	
EA		Tam, S.W. et al., "Differential Expression and Regulation of Cyclin D1 Protein in Normal and Tumor Human Cells: Association with Cdk4 is Required for Cyclin D1 Function in G1 Progression", <i>Oncogene</i> 9:2633-2674 (1994).	
EB		Toyoshima, H. and Hunter, T., "p27, a Novel Inhibitor of G1 Cyclin-Cdk Protein Kinase Activity, is Related to p21", <i>Cell</i> 78:67-74 (1994).	
EC		Wainwright, B., "Familial Melanoma and p16 - A Hung Jury", <i>Nature Genetics</i> 8(1):3-5 (1994).	
ED		Walker, G.J. et al., "Refined Localization of the Melanoma (MLM) Gene on Chromosome 9p by Analysis of Allelic Deletions", <i>Oncogene</i> 9:819-824 (1994).	
EE		Wall, R., "Transgenic Livestock: Progress and Prospects for the Future", <i>Theriogenology</i> , 45: 57-68 (1996)	
EF		Wallace, R. et al., "Oligonucleotide Probes for the Screening of Recombinant DNA Libraries", <i>Methods in Enzymology</i> 152:432 (1987).	
EG		Wang, J. et al., "Hepatitis B Virus Integration in a Cyclin A Gene in a Hepatocellular Carcinoma", <i>Nature</i> 343:555-557 (1990).	
EH		Weinberg, R. A., "Finding the Anti-Oncogene", <i>Science</i> 259(3):44-51 (1988) .	
EI		Weinberg, R. A., "Tumor Suppressor Genes", <i>Science</i> 254:1138-1146 (1991) .	
EJ		Wolfel, T. et al., "A p16 <sup>INK4a</sup> Insensitive CDK4 Mutant Targeted by Cytolytic T Lymphocytes in a Human Melanoma", <i>Science</i> 269:1281-1284 (1995).	
EK		Xiong, Y. et al., "D Type Cyclins Associate with Multiple Protein Kinases and the DNA Replication and Repair Factor PCNA", <i>Cell</i> 71:505-514 (1992).	
EL		Xiong, Y. et al., "Human D-Type Cyclin", <i>Cell</i> 65:691-699 (1991).	
EM		Xiong, Y. et al., "Molecular Cloning and Chromosomal Mapping of CCND Genes Encoding Hman D-Type Cyclins", <i>Genomics</i> 13:575-584 (1992).	
EN		Xiong, Y. et al., "p21 is a Universal Inhibitor of Cyclin Kinases", <i>Nature</i> 366:701-704 (1993).	
EO		Xiong, Y. et al., "Subunit Rearrangement of the Cyclin-dependent Kinases is Associated with Cellular Transformation", <i>Genes &amp; Devel.</i> 7:1572-1583 (1993) .	
EP		Xu, L. et al., "Mutational Analysis of CDKN2 (MTS1p16 <sup>ink4</sup> ) in Human Breast Carcinomas", <i>Cancer Research</i> 54:5262-5264 (1994).	
EQ		Yang, R. et al., "Analysis of p16 <sup>INK4a</sup> and its Interaction with CDK4", <i>Biochem. Biophys. Res. Comm.</i> 218:254-259 (1996).	
ER		Zhang, H. et al., "P19 <sup>Skp1</sup> and P45 <sup>Skp2</sup> are Essential Elements of the Cyclin A-CDK2 S Phase Kinase," <i>Cell</i> 82:915-925 (1995) .	
EXAMINER		DATE CONSIDERED	
Mary B. Zing/Chen		9-26-99 11/2/01	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			

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**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

Zhang, H. et al., "Proliferating Cell Nuclear Antigen and P21 Are Components of Multiple Cell Cycle Kinase Complexes", *Mol. Biol. of Cell* 4:897-906 (1993).

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*May B 29/98*

*9-26-99/11/7/01*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.